

Title (en)  
Anchor bolt

Title (de)  
Ankerbolzen

Title (fr)  
Boulon d'ancrage

Publication  
**EP 2009299 A3 20101215 (EN)**

Application  
**EP 08460026 A 20080626**

Priority  
PL 38276307 A 20070627

Abstract (en)  
[origin: EP2009299A2] The anchor bolt for the joining of structural elements, characterised in that a body (1) of the bolt is shaped as a sleeve with an internal thread (2) along the whole length and an external thread (3) that becomes a cylindrical part (4) with a bolt head (5), and to the cylindrical part (4) and to the bottom part of the bolt head (5) there is attached at least one supporting blade (6).

IPC 8 full level  
**F16B 37/04** (2006.01); **F16B 33/00** (2006.01)

CPC (source: EP US)  
**F16B 37/048** (2013.01 - EP US); **F16B 37/125** (2013.01 - EP US)

Citation (search report)

- [XY] US 4067371 A 19780110 - STENCEL EDGAR L
- [Y] JP S4882359 U 19731006
- [Y] US 2003068210 A1 20030410 - POUNTNEY DAVID GRENVILLE [NZ]
- [X] US 1967039 A 19340717 - OTTO MOHR
- [A] EP 1767287 A1 20070328 - NAGAYAMA ELECTRIC CO LTD [JP]
- [A] JP H07174123 A 19950711 - RICOH KK
- [A] FR 1308201 A 19621103 - KAYNAR MFG CO

Cited by  
ES2565558R1; WO2019055012A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2009299 A2 20081231; EP 2009299 A3 20101215**; PL 382763 A1 20090105; RU 2008125600 A 20100110; US 2009003959 A1 20090101

DOCDB simple family (application)  
**EP 08460026 A 20080626**; PL 38276307 A 20070627; RU 2008125600 A 20080626; US 14752708 A 20080627